PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
ROOPASHREE SHANMUKHAM	12/07/2021	
SHIVASHARAN DALASANUR NARAYANA GOWDA	12/07/2021	

RECEIVING PARTY DATA

Name:	DELL PRODUCTS L.P.
Street Address:	ONE DELL WAY
City:	ROUND ROCK
State/Country:	TEXAS
Postal Code:	78682

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17643090

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	16192.532
NAME OF SUBMITTER:	CARL T REED
SIGNATURE:	/Carl T. Reed/
DATE SIGNED:	12/07/2021

Total Attachments: 2

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507013991 PATENT REEL: 058944 FRAME: 0570

PATENT Assignment DELL Docket No.: 126650.01 Atty Docket No.: 16192.532

ASSIGNMENT

WHEREAS, I/we, Roopashree Shanmukham and Shivasharan Dalasanur Narayana Gowda have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled REFRESHING MULTIPLE TARGET COPIES CREATED FROM A SINGLE SOURCE, the specification of which:

[x]	is being executed on even date herewith and is about to be filed in the United States
	Patent Office;
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	was filed on as U.S. Application No.
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1.1	was patented under U.S. Patent Noon,

WHEREAS, Dell Products L.P. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Texas and having a usual place of business at One Dell Way, Round Rock, TX 78682 desires to acquire an interest therein in accordance with agreements duly entered into with me/us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I/we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me/us had this assignment and sale not been made; I/we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I/We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I/we hereby further agree for myself/ourselves and my/our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements

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and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I/we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hands and affixed my/our seals as set forth below:

Date: 07-Decen	nber-2021	Roopashres	, <u>S</u> ,
		Inventor's Signature	
Print full name of inv	entor:	Roopashree Shanmukha	m
Residence:		Bangalore, IN	

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#2564, 27th Main
13th Cross, Sector 1, HSR Layout
Bangalore, India 560102

Date: 07 - December - 2021 Hoventor's Signature

Print full name of inventor Shivasharan Dalasanur Narayana Gowda

Residence: Kolar KA India

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Citizenship:

Mailing Address: